



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

CALIBRATION LABORATORY, GLASSCO LABORATORY EQUIPMENTS PVT.LTD.,
MANGLAI, P.O. KHUDDA KALAN, AMBALA CANTT, AMBALA, HARYANA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-2521

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Validity

22/06/2022 to 21/06/2024

Last Amended on

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S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(\pm)
Permanent Facility					
1	MECHANICAL-VOLUME	Density Bottle/Pycnometer	Using Standard Weights (E2 Class) ,Digital Balance up to 220 g readability 0.1mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	1 ml to 100 ml	0.003ml
2	MECHANICAL-VOLUME	Glass Burette	Using Standard Weights (E2 Class) , Digital Balance up to 220 g readability 0.1mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	10 ml to 100 ml	0.003ml
3	MECHANICAL-VOLUME	Graduated Pipettes	Using Standard Weights (E2 Class) , Digital Balance up to 220 g readability 0.1mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>10 ml to 50 ml	0.002ml



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4	MECHANICAL-VOLUME	Graduated Pipettes	Using Standard Weights (E2 Class) , Digital Balance up to 220 g readability 0.1mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	0.1 ml to 10 ml	0.001ml
5	MECHANICAL-VOLUME	Volumetric Flasks/Measuring Cylinders	Using Standard Weights (E2 Class) , Digital Balance up to 220 g readability 0.1 mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>10 ml to 100 ml	0.003ml
6	MECHANICAL-VOLUME	Volumetric Flasks/Measuring Cylinders	Using Standard Weights (E2 Class) ,Digital Balance up to 1020 g readability 1 mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>100 ml to 250 ml	0.006ml



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7	MECHANICAL-VOLUME	Volumetric Flasks/Measuring Cylinders	Using Standard Weights (E2 Class and F1 Class) and Digital Balance up to 4200 g and readability 10 mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>1000 ml to 2000 ml	0.04ml
8	MECHANICAL-VOLUME	Volumetric Flasks/Measuring Cylinders	Using Standard Weights (E2 Class and F1 Class) , Digital Balance up to 10 kg readability 100 mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>2000 ml to 6000 ml	0.14ml
9	MECHANICAL-VOLUME	Volumetric Flasks/Measuring Cylinders	Using Standard Weights (E2 Class and F1 Class), Digital Balance up to 1020 g readability 1 mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>250 ml to 500 ml	0.01ml



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10	MECHANICAL-VOLUME	Volumetric Flasks/Measuring Cylinders	Using Standard Weights (E2 Class and F1 Class) , Digital Balance up to 4200 g readability 10 mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>500 ml to 1000 ml	0.04ml
11	MECHANICAL-VOLUME	Volumetric Flasks/Measuring Cylinders	Using Standard Weights (E2 Class) ,Digital Balance up to 220 g readability 0.1mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	1 ml to 10 ml	0.001ml
12	MECHANICAL-VOLUME	Volumetric Pipette	Using Standard Weights (E2 Class) , Digital Balance up to 220 g readability 0.1mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>10 ml to 100 ml	0.003ml



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13	MECHANICAL-VOLUME	Volumetric Pipette	Using Standard Weights (E2 Class) ,Digital Balance up to 420 g readability 1 mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	>100 to 200	0.006ml
14	MECHANICAL-VOLUME	Volumetric Pipette	Using Standard Weights (E2 Class), Digital Balance up to 220 g readability 0.1mg and distilled water of known density as per ISO 4787 & ISO/TR 20461	0.5 ml to 10 ml	0.001ml

* CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of $k = 2$.